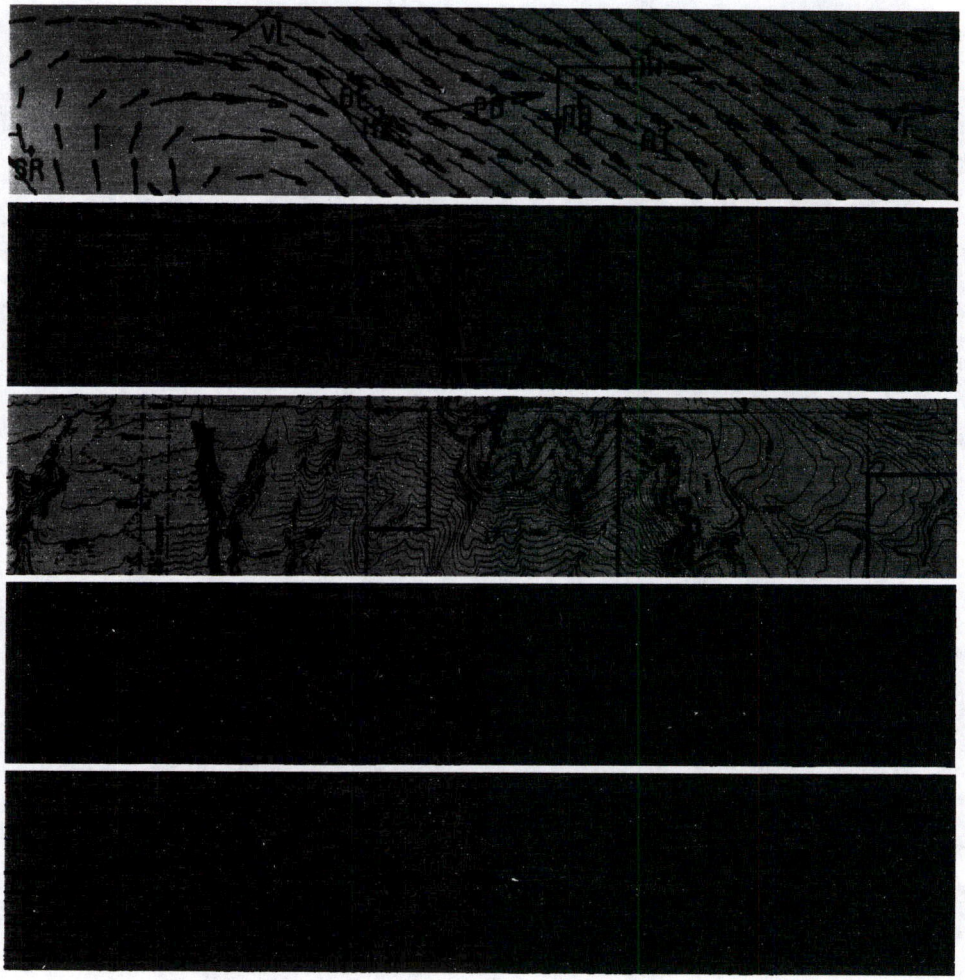


DAMES & MOORE

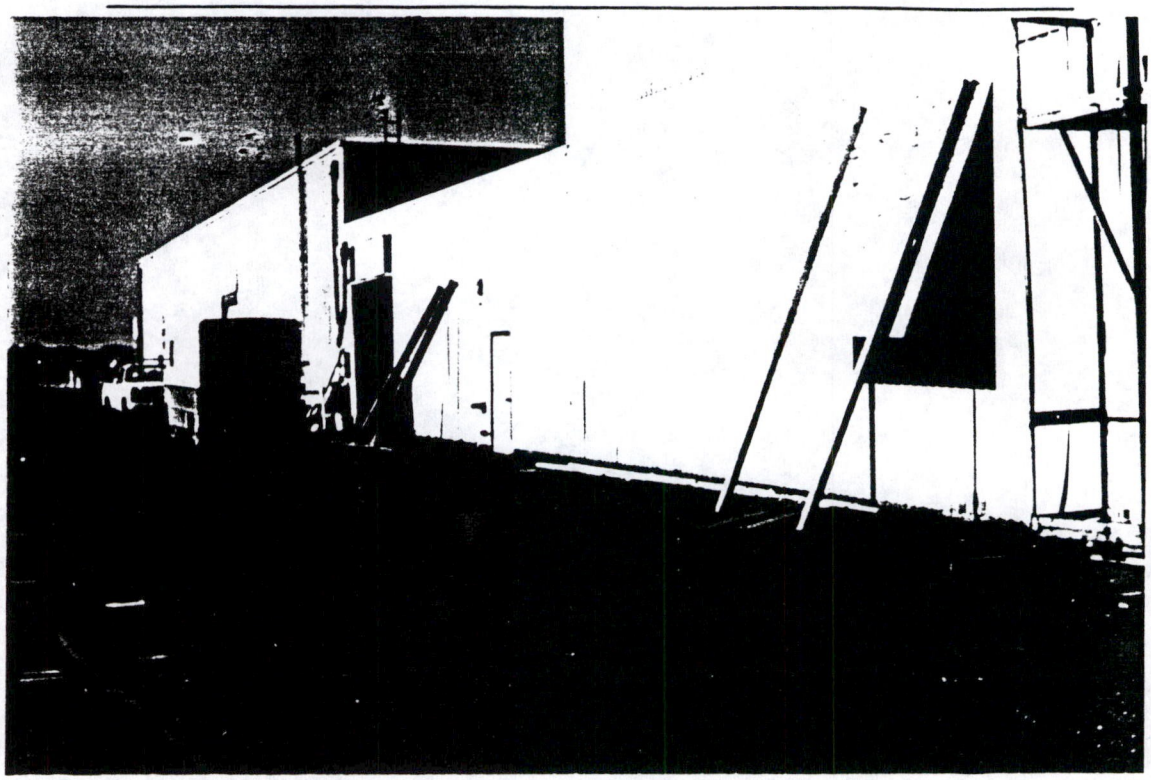
ATTACHMENT A

PHOTOGRAPHIC DOCUMENTATION

Date: September 14, 1988 Time: 9:00 AM Taken By: W.M.

Direction Photograph Taken: looking southwest

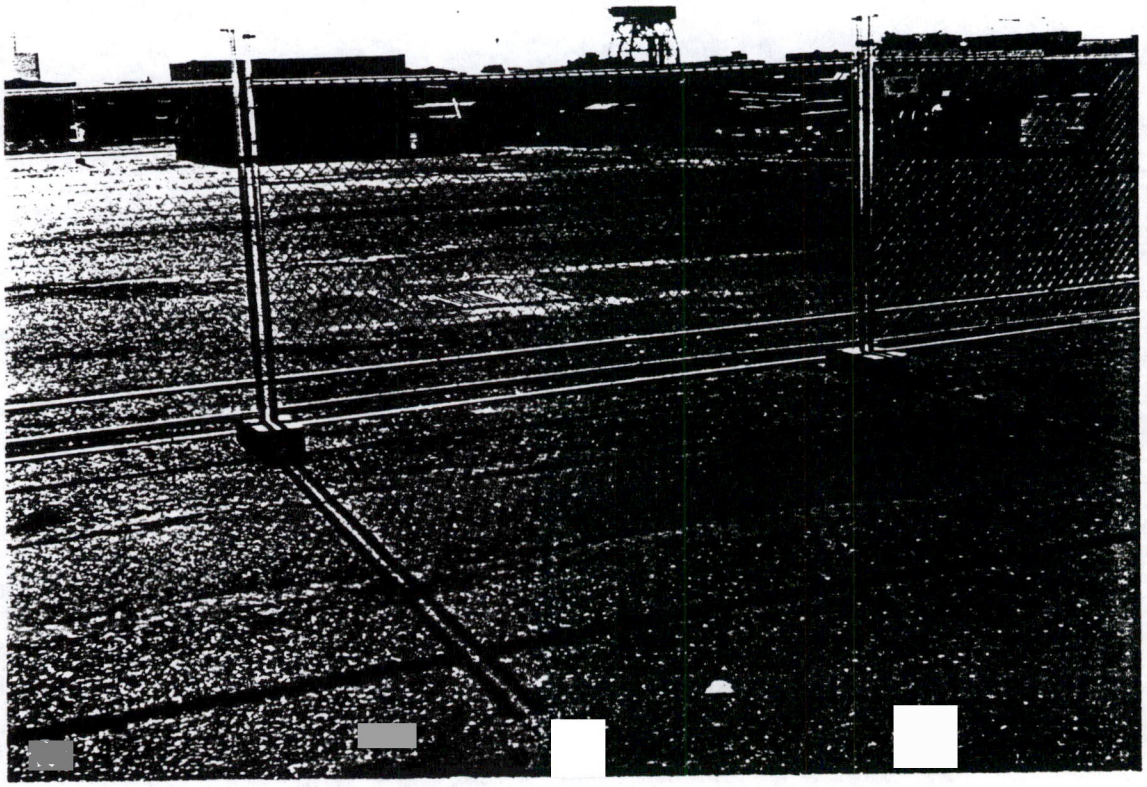
Description: East side of Building 17



Date: September 14, 1988 Time: 9:00 AM Taken By: W.M.

Direction Photograph Taken: looking southeast

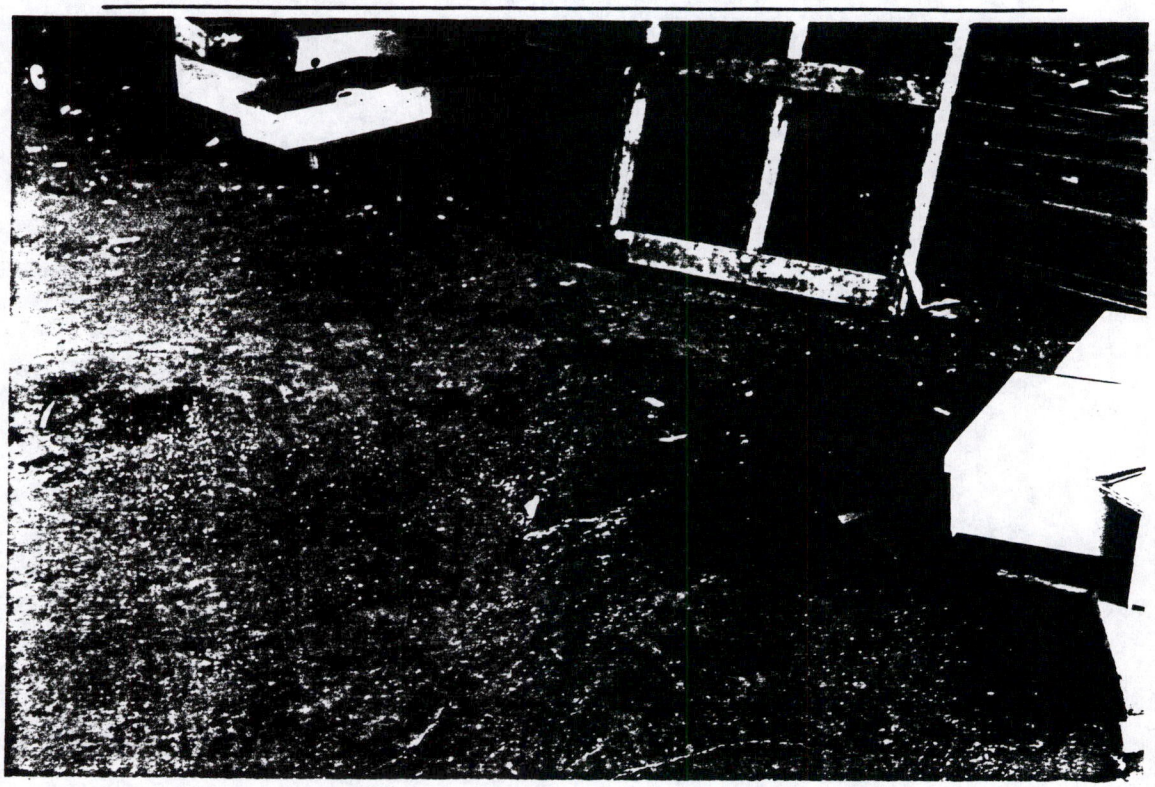
Description: Storm drain east of Building 17



Date: September 14, 1988 Time: 9:02 AM Taken By: W.M.

Direction Photograph Taken: N/A

Description: Drum storage area in Building 17. Stains on ground evident of oil leakage from building vehicles and equipment.



Date: _____ Time: _____ Taken By: _____

Direction Photograph Taken: _____

Description: _____

Date: September 14, 1988 Time: 9:05 AM Taken By: W.M.

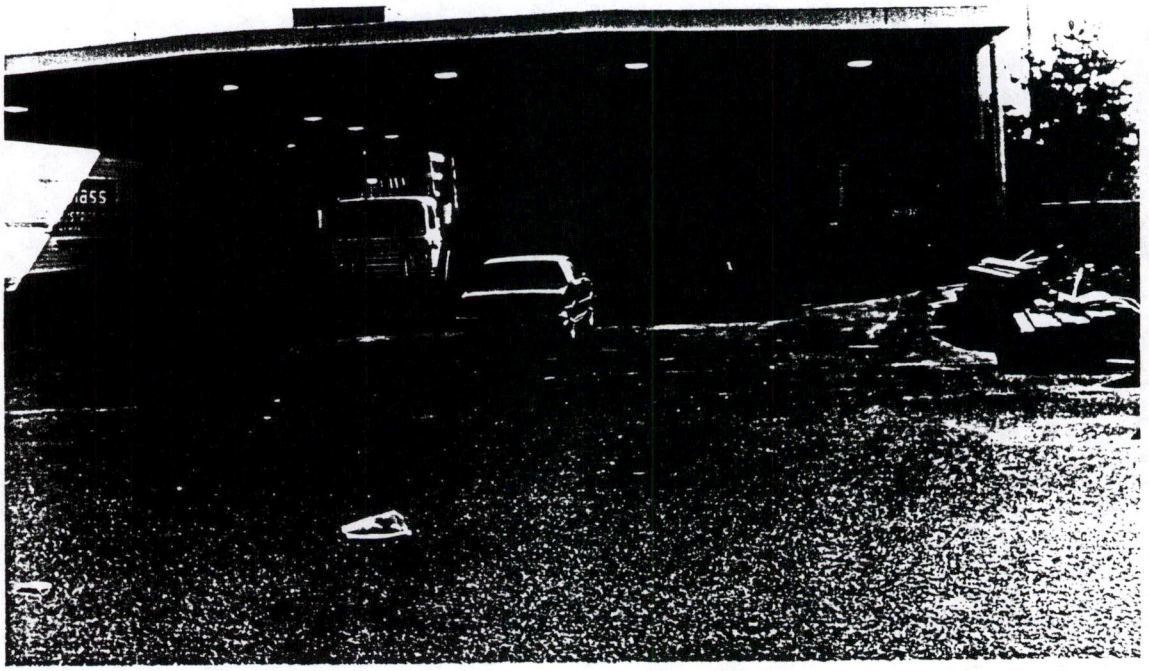
Direction Photograph Taken: looking south-southeast

Description: Waste paint buckets and 55-gallon drums being stored on Building 39 parking lot. Buckets wrapped in plastic.

Date: September 14, 1988 Time: 9:06 AM Taken By: W.M.

Direction Photograph Taken: looking east

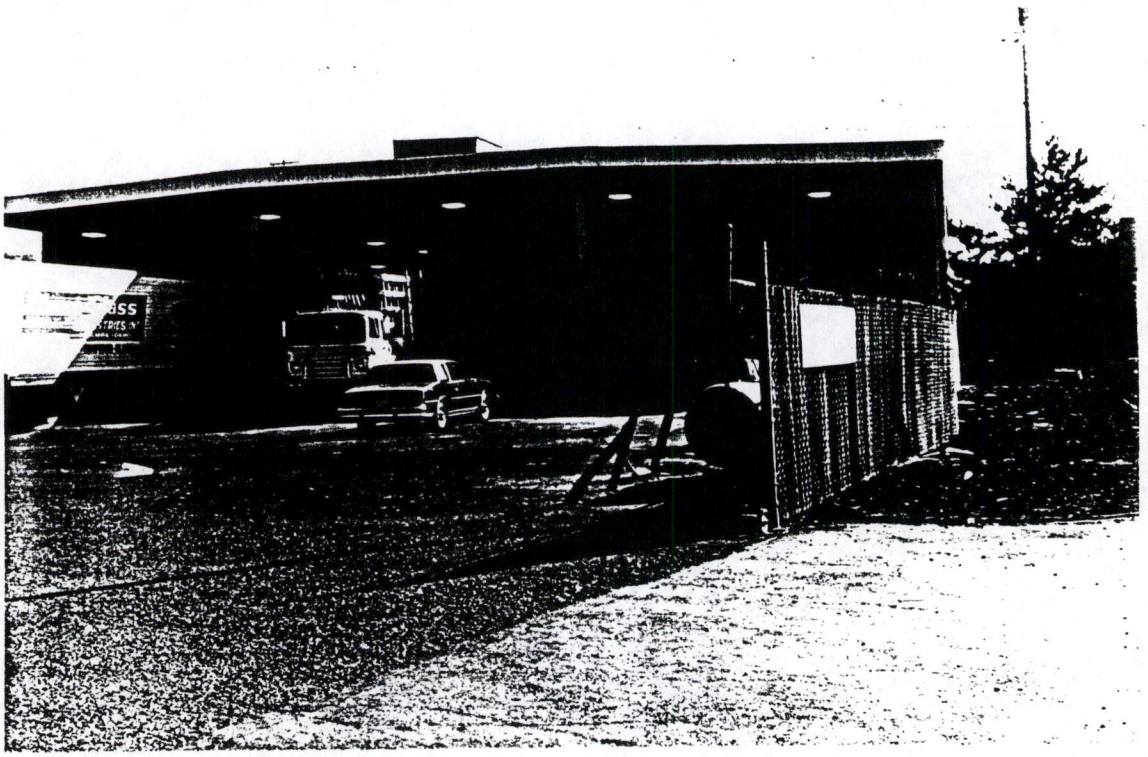
Description: Front of Building 39



Date: September 14, 1988 Time: 9:07 AM Taken By: W.M.

Direction Photograph Taken: looking east-northeast

Description: Front of Building 39



Date: September 14, 1988 Time: 9:08 AM Taken By: W.M.

Direction Photograph Taken: looking southwest

Description: Waste paint buckets and associated 55-gallon drums. No signs of leakage evident.

Date: September 14, 1988 Time: 9:10 AM Taken By: W.M.

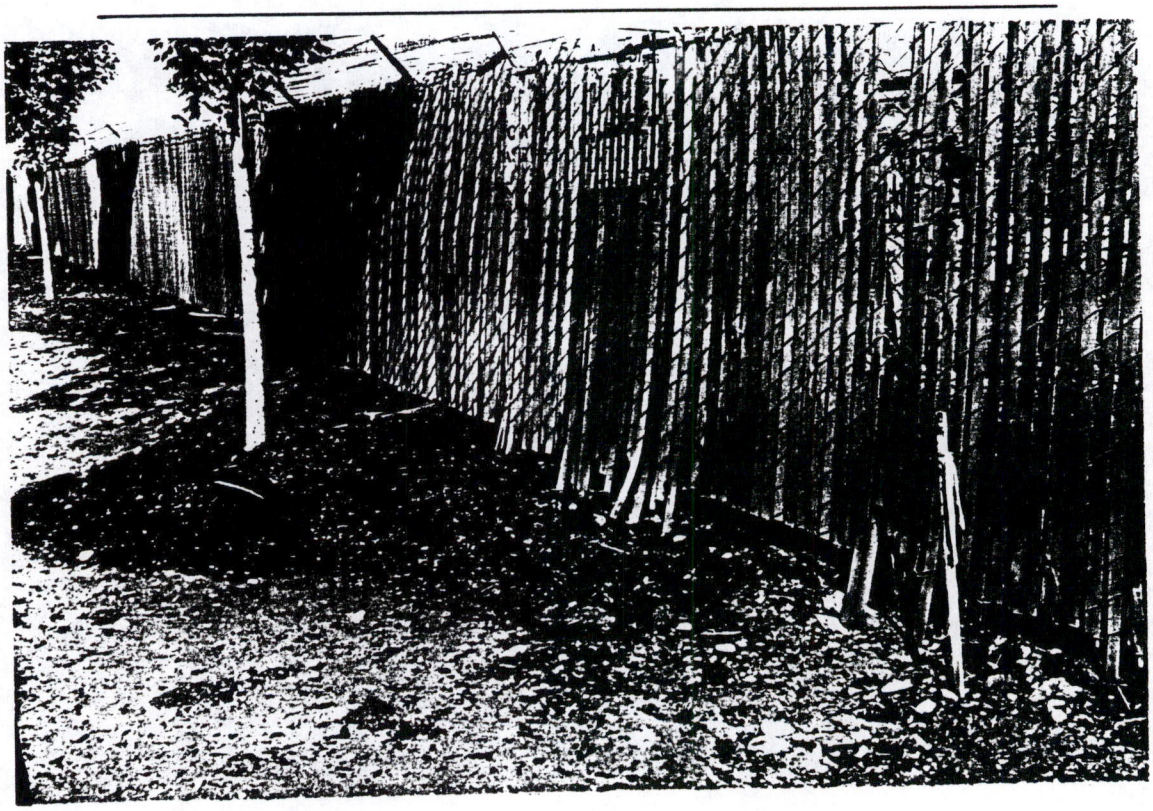
Direction Photograph Taken: looking southeast

Description: Waste paint buckets

Date: September 14, 1988 Time: 9:10 AM Taken By: W.M.

Direction Photograph Taken: looking northwest

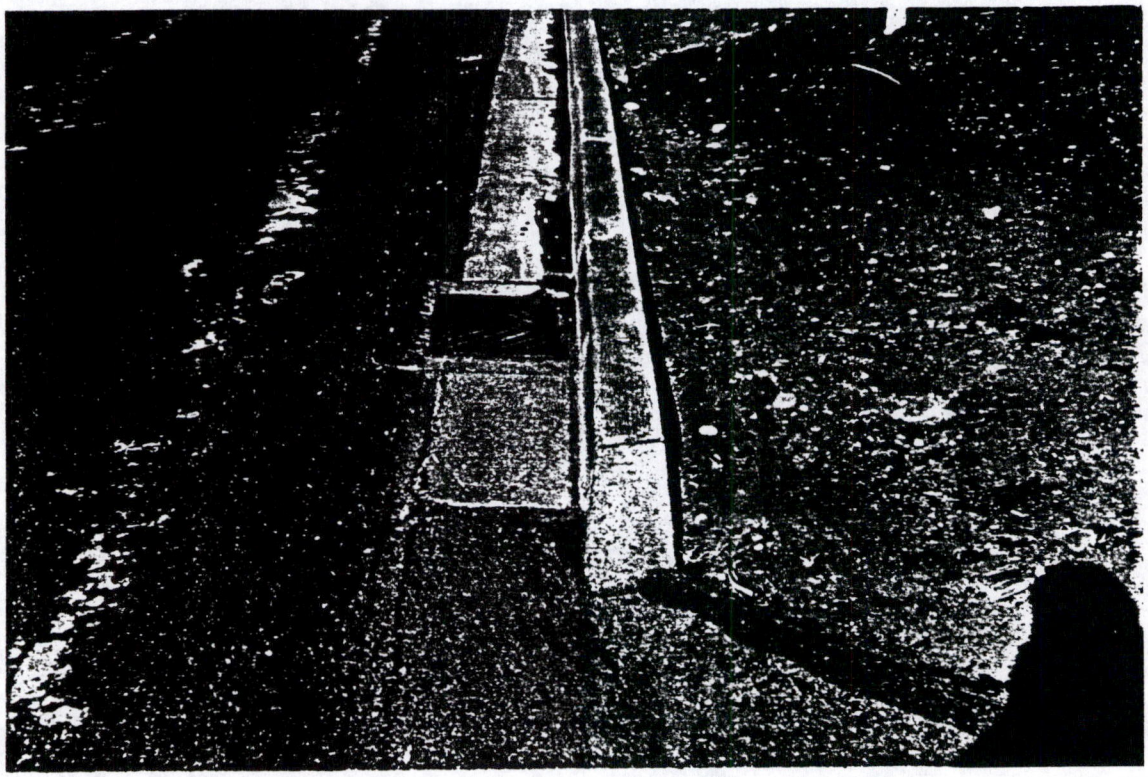
Description: Landscaped area on south side of drum storage area



Date: September 14, 1988 Time: 9:12 AM Taken By: W.M.

Direction Photograph Taken: looking west

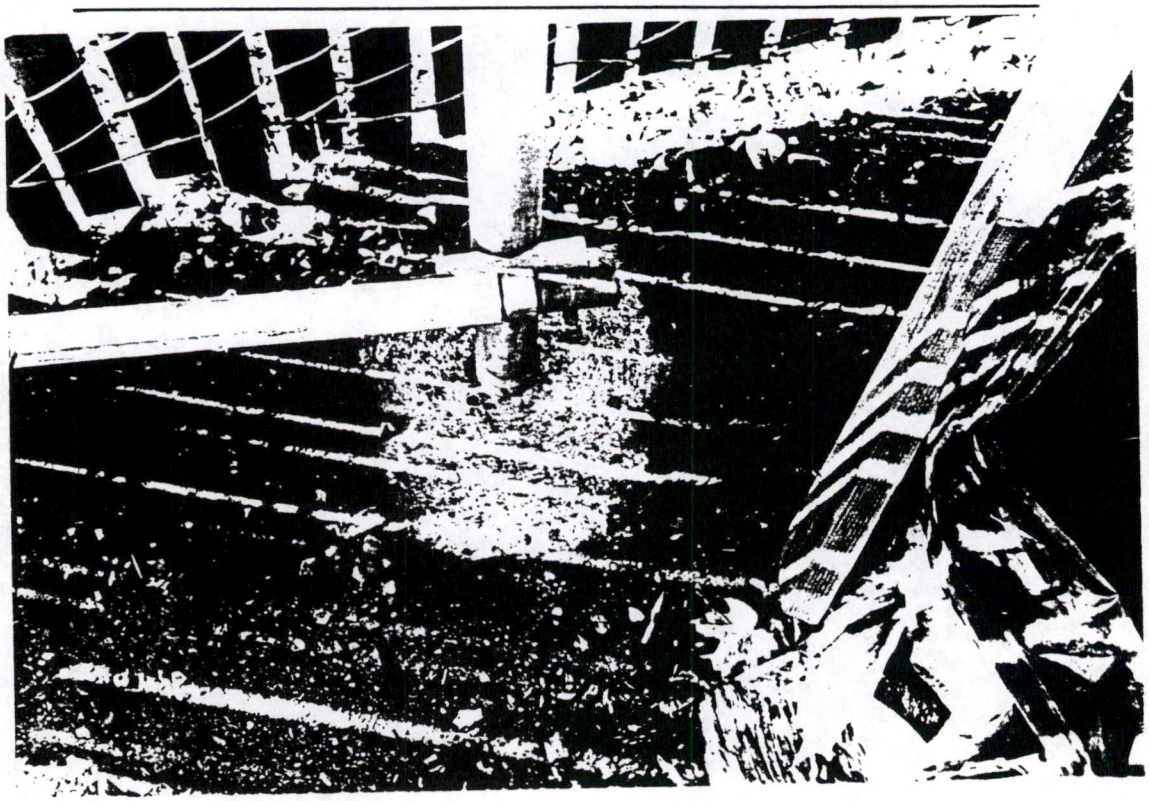
Description: Storm drain at southeast corner of drum/bucket storage area of of Building 39



Date: September 14, 1988 Time: 9:12 AM Taken By: W.M.

Direction Photograph Taken: N/A

Description: Area immediately east of storage area by fence. Plastic is at edge of storage area. No signs of contamination evident.



REPORT
CONTAINER STORAGE AREA
BUILDINGS 17 AND 39
FOR
HILLMAN PROPERTIES NORTHWEST, INC.
VANCOUVER, WASHINGTON

DECEMBER 29, 1988
JOB NO. 17809-001-005

Dames & Moore

PORTLAND, OREGON

DAMES & MOORE A PROFESSIONAL LIMITED PARTNERSHIP
1220 S.W. MORRISON ST., SUITE 404, PORTLAND, OREGON 97205-2260 (503) 228-7688

December 29, 1988

Hillman Properties Northwest, Inc.
900 North Tomahawk Island Drive Way
Portland, Oregon 97217

Attention: Mr. Douglas A. Hardesty
Vice President

Container Storage Area
Buildings 17 and 39
2000 East Columbia Way
Vancouver, Washington
Job Number: 17809-001

Dear Mr. Hardesty:

INTRODUCTION

This report presents the results of our professional engineering activities and observations during the closure operations at the container storage area in Buildings 17 and 39, Columbia Industrial Park (CIP), 2000 East Columbia Way, Vancouver, Washington. This report also provides certification of the closure by an independent registered professional engineer in accordance with the requirements of 40 CFR 265.115 and WAC 173-303-610.

DISCUSSION

Our independent engineering certification of the storage area closure is based on:

- a review of the approved Closure Plan, dated September 16, 1988;
- periodic site observations by Dames & Moore personnel and by the certifying engineer; and
- review of field memoranda and records of telephone conversations by other Dames & Moore personnel involved with the closure.

In early September 1988, Dames & Moore staff personnel observed site conditions in Building 39 and noted the presence of approximately 200 5-gallon waste paint buckets containing lead-based paint residue and 12 55-gallon drums containing wash water from the cleaning of the 200 buckets.

Dames & Moore personnel visited Building 39 and Building 17 on September 14, 1988, to assess whether storage of buckets and/or drums had resulted in releases to or contamination of those buildings.

At Building 39, visual observations were made of the bucket and drum storage area, the adjacent parking lot, and surface drains in the parking lot. No evidence of leakage or contamination was observed in the storage area, parking lot, or drains. No waste-related surface deterioration was observed, nor were any cracks located in concrete or asphalt surfaces that were identified as potential migration pathways.

At Building 17, visual observations were made of the drum storage area, and nearby storm drains. No evidence of waste leakage from the drums was observed. The three drums previously stored on the site contained contaminated soil and clothing. No waste-related surface deterioration was observed, nor were any cracks observed that could be potential migration pathways. Minor oil stains from equipment used in Building 17 was observed, but no contamination related to the drummed waste was found.

Photographs of Building 17 and Building 39 are presented in Appendix A. A completed closure checklist for each container storage area is included in Appendix B.

On September 16, 1988, the remaining waste paint buckets, 55-gallon drums, and associated materials were removed from Building 39 and disposed at an approved hazardous waste facility. Waste manifests for this material are included in Appendix C.

Dames & Moore personnel made a final observation of both sites on September 29, 1988; no signs of contamination were noted.

In response to an EPA request, Dames & Moore conducted a soil sampling program at the Columbia Industrial Park, Building 39, on November 29, 1988. Sampling locations were selected to evaluate potential soil contamination from lead paint sludge containers stored in the parking lot west of Building 39.

Three surface soil samples were collected from a landscaped area adjacent to the storage area (Figure 1). Holes were dug with a stainless steel spoon to a depth of one foot below the surface (exclusive of cover material). The sampled material was compacted sand. For each sample, material was removed from the side of the hole, composited on a clean plastic sheet, and placed directly in clean glass sample jars with Teflon lids. Sampling implements were washed with a solution of Alconox and water and rinsed with deionized water prior to collecting each sample. Samples were transfered to the laboratory under fully executed chain-of-custody documentation and analyzed for total lead. Sampling activities were documented by field notes made at the time of sampling.

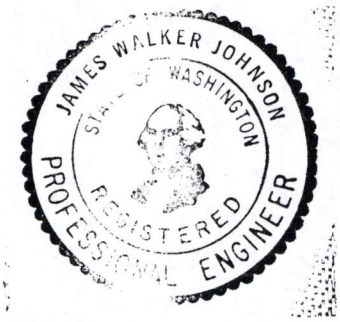
Sample analysis results are reported in Appendix D. Lead was not detected in any sample.

CERTIFICATION OF CLOSURE

As an independent registered professional engineer engaged to certify closure operations pursuant to 40 CFR 265.115 and WAC 173-303-610, I hereby attest, based on my visit to both sites, a review of pertinent closure information/operations, and the closure plan submitted by Hillman Properties Northwest, Inc. on September 16, 1988, that the container storage areas in Building 39 and Building 17 have been closed in accordance with the specifications of the approved Closure Plan.

Very Truly Yours,

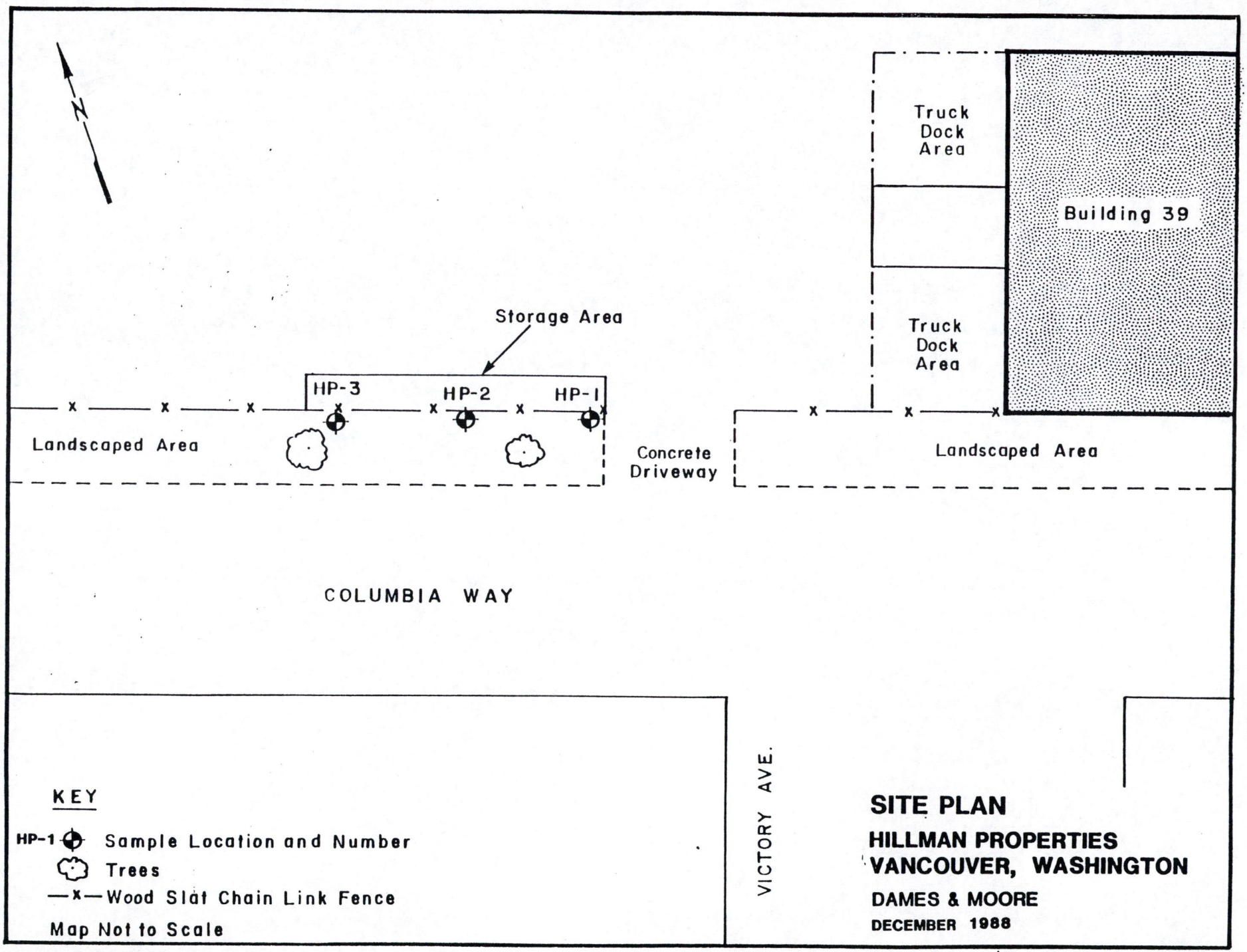
DAMES & MOORE



James W. Johnson, P.E.
Senior Engineer

Kim L. Marcus
Project Manager

\bruce\hill01.ltr



SITE PLAN

HILLMAN PROPERTIES
VANCOUVER, WASHINGTON

DAMES & MOORE

DECEMBER 1988

JOB NO: 17809-001

FIGURE 1

APPENDIX B

CLOSURE PLAN CHECKLIST FOR BUILDINGS 39 AND 17

CHECKLIST FOR CLOSURE
PLAN OF DRUMS

HILLMAN PROPERTIES NORTHWEST, INC.
SEPTEMBER 14, 1988

BUILDING 17

1. NUMBER OF DRUMS REPORTED ON-SITE 3-55 gallon sealed and locked drums

2. LOCATION OF DRUMS IN BUILDING Approximately middle of building, stored on pallets.

3. IS THERE EVIDENCE THAT THE DRUMS LEAKED? No leakage detected (oil stains on floor from equipment)

DISCOLORATION N/A SMELL/ODOR N/A SHEEN N/A DISTRESSED VEGITATION N/

4. LOCATION OF NEAREST SUMP(S) Approximately 100 feet east of drums (approximately 50 feet outside of building)

5. ARE THERE CRACKS IN THE FLOOR? YES NO
Small expansion cracks

6. DO THE CRACKS SHOW EVIDENCE OF CONTAMINANT MIGRATION? YES NO

7. HOW THICK IS THE FLOOR SLAB? 4 to 6 inches of concrete

8. WHAT IS THE SUBGRADE SOIL? Approximately 9 feet of dredge sand then clay

9. COULD CONTAMINANT HAVE FLOWED ALONG THE FLOOR SLAB INTO SOILS ADJACENT TO THE BUILDING? No (building has asphaltic concrete around outside)

COMMENTS Building is approximately 200 x 85 feet. 55 gallon sealed drums and locked. Drums contained clothing and floor sweepings.

BUILDING 39

1. NUMBER OF DRUMS REPORTED ON-SITE 39

2. LOCATION OF DRUMS IN BUILDING Outside of building on asphaltic concrete (area is approximately 100 feet west of building)

3. IS THERE EVIDENCE THAT THE DRUMS LEAKED? No

DISCOLORATION N/A SMELL/ODOR N/A SHEEN N/A DISTRESSED VEGITATION N

4. LOCATION OF NEAREST SUMP(S) Storm drain approximately 10 feet from S.W. corner of storage area.

5. ARE THERE CRACKS IN THE FLOOR? YES NO

6. DO THE CRACKS SHOW EVIDENCE OF CONTAMINANT MIGRATION? YES NO

7. HOW THICK IS THE FLOOR SLAB? Approximately 4 inches asphaltic concrete

8. WHAT IS THE SUBGRADE SOIL? Approximately 9 feet of dredge sand then clay

9. COULD CONTAMINANT HAVE FLOWED ALONG THE FLOOR SLAB INTO SOILS ADJACENT TO THE BUILDING? Yes, (area is next to fence with landscaped area between stored drums and road). No noticable signs of contaminats in this area.

COMMENTS A small hump in area between storage and dry well at north end of dock.

APPENDIX C

WASTE MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 8580 1020

Form Approved OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. WAD092890342 | Manifest Document No. 00009

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Cascade Tendering, 2000 E Columbia Wy, Vancouver, Wa 98661

A. State Manifest Document Number:

B. State Generator's ID: WPQ# 517A

4. Generator's Phone (503) 228-6420

5. Transporter 1 Company Name: D.R. Becker | 6. US EPA ID Number: WAD980983746

C. State Transporter's ID:

D. Transporter's Phone:

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: ENVIROSAFE SERVICES of IDAHO INC, 10½ miles NW Grandview, Missile Base Road, Grandview, Id. 83624 | 10. US EPA ID Number: IDD073114654

G. State Facility's ID:

H. Facility's Phone:

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Hazardous Waste Solid, N.O.S. ORM-E NA 9189		2	CW	200	P	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Wear dust mask, gloves + goggles

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Randal T. Rees | Signature: Randal T. Rees | Month 9 | Day 22 | Year 88

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: D.R. Becker Gen. Cont. | Signature: David R Becker | Month 9 | Day 22 | Year 88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: #11a RQ Required per conversation with Randy Rees 9/23/88 2:15 pm.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: CAROL PRICE | Signature: Carol Price | Month 09 | Day 23 | Year 88

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 8237 19,000

Form Approved OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: WAD092890342
Manifest Document No: 83015
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

GENERATOR

3. Generator's Name and Mailing Address
CUSTOM GLASS INDUSTRIES
2000 E. Columbia Way, Building #39, Vancouver, WA 98661
4. Generator's Phone (206) 693-7801

A. State Manifest Document Number
B. State Generator's ID

5. Transporter 1 Company Name: Pegasus WAste Management, Inc.
6. US EPA ID Number: ORD981766405
C. State Transporter's ID
D. Transporter's Phone (503) 682-5802

7. Transporter 2 Company Name: Pegasus WAste Management, Inc.
8. US EPA ID Number: ORD981766405
E. State Transporter's ID
F. Transporter's Phone (503) 682-5802

9. Designated Facility Name and Site Address
Envirosafe Services of Idaho, Inc.
10.5 miles N.W. of Grandview, Idaho 83624
10. US EPA ID Number: IDD073114654
G. State Facility's ID
H. Facility's Phone (208) 834-2275

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	RQ Hazardous Waste Solid, n.o.s., ORM-E, NA9189 (D007,D008)	X	038	DM	19,000	P	D007,D008
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
a. RQ - 1/0.454 PCN #430-A

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Dike and contain all spills, Notify: U.S. Coast Guard National Response Center 800-424-8802; Oregon Accident Response System in Oregon 800-452-0311, outside Oregon (503) 378-4124; Oregon Department of Environmental Quality.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: LARRY D. Vackler
Signature: Larry D Vackler
Month Day Year: 8 17 88

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Wilson
Signature: Bob Wilson
Month Day Year: 08 18 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: ESI I by Kenneth D. Wall
Signature: Kenneth D. Wall
Month Day Year: 08 19 88

Style F15REV-6 Labelmaster Div. of American Labelmarx Co. 60646 (312) 478-0900

EPA Form 8700-22 (Rev. 9/86) Previous editions are obsolete.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 8236 715 Form Approved OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. WAD092890342 | Manifest Document No. 83021 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
CASCADE TEMPERING
2000 E. Columbia Way, Vancouver WA 98661
4. Generator's Phone (503) 232-0824

A. State Manifest Document Number
B. State Generator's ID

5. Transporter 1 Company Name: Pegasus Waste Management, Inc.
6. US EPA ID Number: ORD981766405
C. State Transporter's ID
D. Transporter's Phone (503) 682-5802

7. Transporter 2 Company Name: Pegasus Waste Management, Inc.
8. US EPA ID Number: ORD981766405
E. State Transporter's ID
F. Transporter's Phone (503) 682-5802

9. Designated Facility Name and Site Address
Envirosafe Services of Idaho, Inc.
10.5 miles NW of Grandview, ID
83624
10. US EPA ID Number: IDD073114654
G. State Facility's ID
H. Facility's Phone (208) 384-1500

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	Hazardous Waste Solid, n.o.s., ORM-E NA9189	X	002	DM	400	P	D008,WT02
b.	Hazardous Waste Solid, n.o.s., ORM-E NA9189	X	001	DM	400	P	D008,WT02
c.							
d.							

J. Additional Descriptions for Materials Listed Above
a. RQ = 1/0.454 ESII PCN# 430C
b. RQ = 1/0.454 ESII PCN# 430B

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information dike and contain all spills. Notify:
U.S. Coast Guard National Response Center 800-424-8802;
Oregon Accident Response System in Oregon 800-452-0311, outside Oregon (503) 378-4124;
Oregon Department of Environmental Quality.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: CHRISTINE WAMSLEY | Signature: Christine Wamsley | Month 08 Day 17 Year 88

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE ALEXANDER | Signature: Steve Alexander | Month 08 Day 17 Year 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: BOB WILSON | Signature: Bob Wilson | Month 08 Day 18 Year 88

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: ESII Kenneth D. Wall | Signature: Kenneth D. Wall | Month 08 Day 19 Year 88

Pegasus Waste Management, Inc.

Pg 1 of 2

SERVICE ORDER

503/682-5802, 1-800-354-9033

Job No. (1077-02) Date 8/4/88

Name CASCADE TEMPERING

Address 2000 E. COLUMBIA WAY Bldg 17.

VANCOUVER, WA. 98661

Phone (503) 232-0824

EPA ID No. WAD 092890342

Customer P.O. No.

Name SRH ASSOCIATES, INC

Address 123 N.E. THIRD AVE.

PORT., OR. 97232

SRH Contact → STEVE LOCKE / JIM MOOTS

Work To Be Done On: NEXT ESE - ASAP

JOB/SERVICE TO COMPLETE: P/U 1 OM SOIL

2 OMS DEBRIS

Check OMs for free LIQUIDS

* CALL JIM MOOTS FOR LOCATION OF OMS & MANIFEST SIGNATURE.

THIS SITE HAS BEEN ABANDONED YOU WILL NEED TO MAKE SPECIAL ARRANGEMENTS !

PROTECTION LEVEL A B (C) (D) ?

TOOLS/SUPPLIES NEEDED:

#1 SOIL →

ID/LISTING INFO

WCF # 430 C

EPA Waste # D008

State Waste # ~~WT01~~ WT02

EHW Permit # N/A

BILLING INFO:	UNIT PRICE	TOTAL

Operations:

Labels

☐ _____ No. Type

☐ _____ No. Type

☐ _____ No. Type

☐ Manifest

☐ BOL

☐ Transport. Scheduled

☐ Manifest Check

Driver:

☐ DOT Drums

☐ Leaks - Top/Bottom

☐ Gaskets - Tops

☐ Gaskets - Bungs

☐ Tops/Bungs

☐ Labels

☐ Labels Match Manifest

☐ Tip Check

☐ Loaded Count - Matches Manifest

☐ Placards on Truck

☐ Manifest Signed

☐ BOL Signed

☐ Order Signed - Cust., Driver

Salesman: BRIAN

Shipping Info (DOT):

Shipping Name ~~RQ~~ HAZARDOUS WASTE SOLID, N.O.S.

Hazard Class ORM-E

ID No. NA 9189

RQ ~~No~~ Yes ☒ 1 P

Labels ☒ DOT ORM-E

☒ Hazardous Waste

Placards None

Estimated Weight per 55 gal. container 500 P

Estimated Load Count 1 ~~OM~~

Actual Load Count

TSD Facility ESE

Date Completed: 8/17/88

Customer: Gary Keene

Driver: Steve Todd

Billed by:

Date:

Pegasus Waste Management, Inc.

SERVICE ORDER CONTINUATION SHEET

Pg. 2 of 2

CUSTOMER NAME: CASCADE TEMPERING

JOB # (1077-02 (DEBRIS) #2

Shipping Name: HAZARDOUS WASTE SOLID, N.O.S.

Hazard Class: ORM-E

ID #: NA 9189

RQ ~~No~~ Yes ☒ IP (D008)

Labels ☒ DOT ORM-E

☒ Haz. Waste

Estimated Weight SOOP

Est. Load Count 2 DMS

Act. Load Count

ID/LISTING INFO.

WCF/APP # 430 B (DEBRIS)

EPA WASTE # D008

STATE WASTE # WT02

EHW PERMIT # N/A

JOB/SERVICE TO COMPLETE:

Shipping Name:

Hazard Class:

ID #:

RQ No ☐ Yes ☐

Labels ☐ DOT

☐ Haz. Waste

Estimated Weight

Est. Load Count

Act. Load Count

ID/LISTING INFO.

WCF/APP #

EPA WASTE #

STATE WASTE #

EHW PERMIT #

JOB/SERVICE TO COMPLETE:

Shipping Name:

Hazard Class:

ID #:

RQ No ☐ Yes ☐

Labels ☐ DOT

☐ Haz. Waste

Estimated Weight

Est. Load Count

Act. Load Count (2)

ID/LISTING INFO.

WCF/APP #

EPA WASTE #

STATE WASTE #

EHW PERMIT #

JOB/SERVICE TO COMPLETE:

8/9/00

OPG

COFFEY LABORATORIES, INC.
4914 N.E. 122nd Ave.
Portland, OR 97230
Phone: (503) 254-1794

Lab Log# A880715-Q2

Custabbr _____ New__

Duedate _____ R P C

Verbal Results _____

CLIENT REPORT INFORMATION

Company SEH

Address1 _____

Address2 _____

City _____ State _____ Zip _____

Attention _____ Phone _____

CLIENT BILLING INFORMATION

Company _____ PO 1209-2

Address1 _____ Quote# _____

Address2 _____ 1) Prepay _____
Cash _____
Check# _____

City _____ 2) Pay for Rel _____
Part Pay _____

State _____ Zipcode _____ 3) Net 30 _____

Attention _____ Phone _____ 4) Prof Courtesy _____

IMPORTANT INFORMATION ABOUT YOUR SAMPLE

COMMENTS: _____

WHO COLLECTED YOUR SAMPLE:

Client Name _____

Coffey Lab _____

3rd Part _____

DO YOU HAVE SPECIAL ANALYSIS INSTRUCTIONS

Minimum Detection Limits _____

Specific Methods _____

Other Instructions _____

IF YOUR SAMPLE IS MULTI PHASED SHALL WE:

____Test Each Phase Separately
____Test One Phase Only? Which Phase?
____Mix All Phases By Shaking
____Dry Sample and Test Residue

IF YOUR SAMPLE IS WET SHALL WE:

____Test As Received
____Dry Sample First
____Ash Sample Fist

IF SAMPLE IS LIQUID AND CONTAINS SEDIMENT OR PARTICULATE SHALL WE:

____Test Filtrate Only
____Mix Sample by Shaking
____Test Particulate Only

Who do we call if we have questions _____ Phone _____

Continued on the Back Side of This Paper

Lab Loc	Lab ID	Field ID	Collection Date	Collection Time	Bottle	Presv	B	Size	Analysis	MDL	Lab Anal	D C	Due Date	Lab Tst	Unit Cst
		1209-2-715-1	7/15	1310					TOX EPTox Pb/~~Cd~~ Pb						
		1209-2-715-2							EPTox Pb/~~Cd~~ Pb						

Phone con. w/ Deb Reid 3:50 7/15/88
Add TOX to 1209-2-715-1
And remove total lead.

SEP 12 '88 14:32 OCEAN PACIFIC FOREST PRODUCTS IN P.8

SAMPLE INTEGRITY COMMENTS:

7/15/1105

RECEIVED JUL 2 3 1988

COFFEY LABORATORIES, INC.
4914 N.E. 122nd Ave.
Portland, OR 97230
Phone: (503) 254-1794

July 20, 1988
Log#A880715-Q2
PO# 1209-2

SRH Associates
123 NE 3rd
Suite 230
Portland, OR 97232
Attention: Steve Locke

Sample Received: 07/15/88
Sample Delivered by: Client

ANALYSIS	METHOD	CLOTH 1209-2-715-1	SOIL 1209-2-715-2	UNITS	LIMITS
Total Organic Halogens	Volhard	--	< 0.01	%	--
Leachable Lead	EPA 1310/200.7	93.	213.	mg/L	5.0

Federal Register, 40 CFR Part 136, Method 200.7, Friday October 26, 1984, Part VIII

The less than "<" symbol means none detected at or above the indicated value and represents the detection limit for the method.

Approved,

Richard D. Reid,
Laboratory Director

Sincerely,

Susan M. Coffey,
President

SMC/lws

This report is for the sole and exclusive use of the above client. Samples are retained a maximum of 15 days from the date of this report, or until maximum holding time has expired.

Mailing Address:
P.O. Box 417
Boise, Idaho 83701-0417
(208) 384-1500

GENERATOR WASTE PRODUCT QUESTIONNAIRE
ENVIROSAFE SERVICES OF IDAHO, INC.

Facility Address
10½ Miles NW Grandview
Missile Base Road
Grandview, Idaho 83624

U.S. EPA ID. Number IDD073114654

SECTION A - GENERATOR DATA

1. Generator CASCADE TEMPERING
Address 2000 E. COLUMBIA WAY
City/State VANCOUVER, WA. ZIP 98661
Tech. Contact STEVE LOCKE (SAH ASSOCIATES) TEL (503) 232-0824
U.S. EPA IDENTIFICATION NUMBER
W A D 0 9 2 8 9 6 3 4 2

2. Billing/Broker PEGASUS WASTE MANAGEMENT, INC.
Address 30250 S.W. PARKWAY AVE.
City/State WILSONVILLE, OR ZIP 97070
Billing Contact DUANE ANCHETA TEL (503) 682-5802

Envirosafe Services Only
Application #
WPQ
CUST # 0
☐ DIRECT ☐ ACES
☐ BILLING BROKER
Sales Zone Code
TAX ☐ YES ☐ NO
Cell 5 Waste ☐
MANIFEST CERTIFICATION REQUIRED ☐

SECTION B - WASTE CHARACTERIZATION

1. Common Name for This Waste: DEBRIS, LEAD CONTAMINATED CLOTHING, RESPIRATORS etc.
2. Process Generating This Waste: CLEAN-UP OF FACILITY

3. Annual Quantity: 100 1☐ Tons 2☐ Yards 3☒ Gallons 3.1 2 (Annual Quantity) 4☒ Drums

4. Shipment Duration:
1☐ Permanent (1 Year or Longer)
2☒ Temporary (Less Than 1 Year)

5. Shipment Mode:
1☐ Bulk 2☐ Palletized Boxes 3☐ Woven Cloth Bags 4☒ Metal Drums
5☐ Other:

SECTION C - PHYSICAL PROPERTIES
As Shipped To ESII

1. Is waste shipped different than waste as produced at initial point of generation? 1☐ YES 2☒ NO
If yes, must include Attachment A to describe waste as initially generated.

2. Describe physical state at 70°F
1☒ Dry Solid 2☐ Damp Solid 3☐ Powder 4☐ Semi-Solid/Gel 5☐ Flowable Liquid 6☐ Labpack
7☐ Other

3. Describe Load Bearing Strength at 70° F: 3.1 Penetrometer PSI: 3.2 % Solids @105°C:
1☒ Solid/Rigid 2☐ Sludge 3☐ Weak/None N/A 100%

4. Describe Physical Appearance of Waste (Include Color): DEBRIS - CLOTHING, RAGS, RESPIRATOR CARTRIDGES
5. Apparent Density of Waste: ____ Lb./Cu. Yard

6. Flash Point:
1☐ <70°F 2☐ 70-100°F 3☐ 101-140°F 4☐ 141-200°F 5☒ >200°F
6.1 Actual Flash Pt: N/A °F 6.2 Combustible: 1☐ Yes 2☒ No

7. pH Range (50% Slurry in Distilled Water for Solid): N/A
7.1 Actual pH (S.U.): N/A

8. Describe Odor of Waste:
1☒ None 2☒ Slight 3☐ Strong
Describe

9. Viscosity (Liquids): Similar to
1☐ Water 2☐ Motor Oil 3☐ Honey
☒ Other CLOTHING

10. Debris in Waste:
☒ Yes 2☐ No Describe CLOTHING, RAGS, RESPIRATOR CARTRIDGES

11. Potential for presence/Separation of Incidental liquids during transport:
1☐ Yes 2☒ No

ENVIROSAFE SERVICES OF IDAHO, INC.

Application # ____

WPQ ____

SECTION D - WASTE COMPOSITION

As Shipped To ESII

1. List all components within the waste stream by percentage. Account for 100 percent of waste in the TYPICAL % column.

	TYPICAL %	RANGE %
DEBRI	99 %	
LEAD	0.0093 %	

SECTION E - ANALYTICAL REPORT

As Shipped To ESII

PARAMETER	mg/Kg (Total)	mg/L (Extract)	N/A	PARAMETER	mg/Kg (Total)	mg/L (Extract)	N/A	PARAMETER	mg/Kg (Total)	mg/L (Extract)	N/A
Aluminum			X	Total Cyanide			X	Carbon Disulfide			X
Antimony			X	Free Cyanide				Carbon Tetrachloride			
Arsenic			X	Total Sulfide				Chlorobenzene			
Barium			X	Free Sulfide				Cresols-Cresylic Acid			
Beryllium			X					Cyclohexanone			
Cadmium			X	Phenolics				1,2-Dichlorobenzene			
Chromium (hex)			X	Chloride				2-Ethoxyethanol			
Chromium (tot)			X	Fluoride				Ethyl Acetate			
Cobalt			X	Phosphate				Ethyl Benzene			
Copper			X	Sulfate				Ethyl Ether			
Iron			X	Nitrate-N				Isobutanol			
Lead		93		Nitrite-N				Methanol			
Mercury			X	Ammonia-N				Methylene Chloride			
Nickel			X	Kjeldahl-N				Methyl Ethyl Ketone			
Selenium			X	Oil & Grease				Methyl Isobutyl Ketone			
Silver			X					Nitrobenzene			
Thallium			X	TOC (Carbon)				2-Nitropropane			
Zinc			X	TOX (Halogen)				Orthodichlorobenzene			
								Pyridine			
Endrin			X	PCB				Tetrachloroethylene			
Lindane			X					Toluene			
Methoxychlor			X	Dioxins				1,1,1-Trichloroethane			
Toxaphene			X					1,1,2-Trichloroethane			
2,4-D			X					Trichlorotrifluoroethane			
2,4,5-TP/Silvex			X	Acetone				Trichloroethylene			
			X	Benzene				Trichlorofluoromethane			
				Butanol				Xylene(s)			

ENVIROSAFE SERVICES OF IDAHO, INC.

Application # ____

WPO ____

SECTION F - WASTE CLASSIFICATION

As Shipped To ESII

1. RCRA Waste Description from 40 CFR 261: ☐ RCRA NON-HAZARDOUS

2. RCRA EPA Waste Code(s) from 40 CFR 261: D008

3. Does Waste Contain the Following:

EXPLOSIVE	☐ YES	☒ NO
SHOCK SENSITIVE	☐ YES	☒ NO
PYROPHORIC	☐ YES	☒ NO
ETIOLOGICAL	☐ YES	☒ NO
THERMALLY UNSTABLE	☐ YES	☒ NO
RADIOACTIVE	☐ YES	☒ NO

If YES, Explain in Section H

4. State Waste Codes: State of ____

☒ NOT APPLICABLE

SECTION G - U.S. DOT SHIPPING DESCRIPTION

1. D.O.T. Hazardous Material? ☒ Yes ☐ No 2. D.O.T. RQ Required: ☐ Yes ☒ No ☐ N/A
3. Proper D.O.T. Shipping Name: HAZARDOUS WASTE, SOLID, NOS
4. D.O.T. Hazard Class: ORM-E 5. D.O.T. ID Number: NA 9189
6. Additional D.O.T. Description: N/A

SECTION H - ADDITIONAL COMMENTS

Additional Comments, Descriptions, or Waste Stream Information:

PROCESS DIAGRAM OR PHOTOGRAPH

SECTION J - CERTIFICATION

1. Is this waste the result of a product spill clean-up? ☒ Yes ☐ No
2. Has this waste been treated by: ☐ Solidification (solely using absorbents)
   ☐ Stabilization (irreversible chemical transformation or encapsulation) ☒ N/A
3. If solidified or stabilized list all additives in Section D.
4. Does this waste pass the EPA specified Paint Filter Test? ☒ Yes ☐ No
5. If this waste has been stabilized, have you demonstrated that chemical stabilization has occurred? If yes, attach demonstration date. ☐ Yes ☐ No ☒ N/A
6. Are the total Halogenated Organic Compounds present in this waste, as shipped to ESII, at the following levels?
   ☒ None Present ☐ 0 to 99 mg/Kg ☐ 100 to 499 mg/Kg ☐ 500 to 999 mg/Kg ☐ >1000 mg/Kg
7. Is this waste regulated under a Land Disposal Ban as promulgated in CFR 40 part 268? ☐ Yes ☒ No
8. If 7. was answered yes; is this waste currently allowed to be Land Disposed under a regulatory Variance or Exception? ☐ Yes ☐ No
9. If 8. was answered yes, please provide the applicable Variance or Exception information below:
   ☐ RCRA Corrective Action Waste (3004u or 3008h) ☐ CERCLA Response Action Waste (Sec. 104 or 106)
   ☐ Meets Established BDAT Standards (Must attach complete analytical data on required parameters)
   ☐ Other Variance/Exception: (Explain) ____
10. Attach the applicable certifications required under 40 CFR 268.7.

ENVIROSAFE SERVICES OF IDAHO, INC.

Application # | | | | |

WPQ | | | | | | | | |

11. GENERATOR CERTIFICATION STATEMENT

A. Certification of Liquids Treatment (for all non-liquid bulk wastes).

1. ☒ The waste was generated as a solid material containing no free liquids.

— OR —

2a. ☐ The waste was initially generated as a bulk liquid or hazardous waste containing free liquids.

— AND —

b. ☐ The waste has been treated to eliminate free liquids in compliance with Section 3004 (c) of the Resource Conservation and Recovery Act (RCRA) of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984.

— AND —

c. ☐ The treatment process utilized did not employ the addition of absorbents to the waste (unless used in a stabilization process).

— AND —

d. ☐ The materials used in the treatment process do not biodegrade or release liquids when compressed.

B. Certification Statement

I hereby certify that as an authorized representative of the generator named above, all information submitted in this and all the attached documents is true and accurate. Pre-shipment samples provided are a true representative sample of the waste and were sampled in accordance with 40 CFR Part 261.20. Any analysis of the waste was conducted in accordance with the approved test methods in 40 CFR Part 261 on a representative sample as defined in 40 CFR Part 261.20. To the best of my knowledge, all known (40 CFR Part 261/OSHA) and suspected hazardous components have been included in this documentation. All material and packaging will comply with all current regulations.

SIGNATURE X _____ TITLE X _____ DATE X August 4, 1988

(To be signed by the generator)

SECTION K - DISPOSAL SITE USE ONLY

(Waste Approved For Receipt Contingent Upon Meeting The Following Conditions)

1. X Normal Operating Arrival Hours (Mon.-Fri.): Bulk 7:30 am. - 2:00 p.m. Drums, Bags, Boxes and Special Handling 7:30 a.m. - 12:00 noon.
2. X Waste Product Questionnaire Number (WPQ) must appear on each manifest or shipping paper required by EPA or DOT.
3. ___ Atypical loads will be billed on a case-by-case basis for all special charges.
4. ___ Acceptance ends _____
5. ___ Generator must provide updated analysis _____, 19____ and _____ thereafter.
6. ___ pH (for solids - 50% slurry of waste in distilled water) must be at least _____ but less than _____ by ESII methods.
7. ___ Flash point of incoming material must be _____°F or greater by ESII methods.
8. ___ Bulk: No unauthorized materials or free liquids.
9. ___ Manifest Notification/Certification required.
10. ___ Bulk prohibition on mix without authorization.
11. ___ General bulk waste mixing instructions.
12. ___ Bulk must contain sufficient moisture to suppress dust.
13. ___ Woven cloth bags: acceptance requirements.
14. ___ Palletized boxes: acceptance requirements.
15. ___ Material solid, non-flowable and Penetrometer Standard.
16. ___ Miscellaneous debris ___ feet dimensional limit.
17. ___ ESII has stds. for odor, temperature and liquid stability.
18. ___ Odoriferous waste may not be acceptable.
19. ___ Cyanide or sulfide permit limit requirements.
20. ___ PCB concentration limit requirements.
21. ___ CERCLA waste must be identified on the manifest.
22. X Generator must schedule all shipments with disposal facility.
23. ___ WPQ number stenciled on each drum or container (top, side).
24. ___ Drums no free liquid, void space, metal, < 800 pounds.
25. ___ Containerized material must be solid, non-flowable.
26. ___ Dump trucks, end dumps, roll-on/roll-off containers and other bulk containers must be fully lined with minimum 6 mil visqueen.
27. ___ Drums contain sufficient outage, metal only, < 800 pounds.
28. ___ Heat generation in contact with water requirements.
29. ___ Bulk liquid trucks must be self-unloading.
30. ___ Gas generation in contact with water requirements.
31. ___ Standard conditions for custom asbestos.
32. ___ Standard conditions for generic asbestos.
33. ___ Standard conditions for custom labpacks.
34. ___ Standard conditions for generic labpacks.

ESII USE ONLY

Initial Review _____ Second Review _____ Final Review _____

Date Approved _____ Date Denied _____ Compatability _____

Treatment/Disposal Routing _____

Fingerprint Parameters Preacceptance Range:		Process Control Parameters	Acceptable Range:
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—
	—		—

APPENDIX D

LABORATORY ANALYSIS REPORT

Analytical Technologies, Inc. 560 Naches Avenue, S.W., Suite 101, Renton, WA 98055, (206) 228-8335

ATI I.D. # 8811-099

December 6, 1988

Dames & Moore
500 Market Place Tower
2025 First Avenue
Seattle, WA 98121

Attention : Kim Marcus

Project Number : 17809-001

Project Name : Hillman Properties

On November 29, 1988 Analytical Technologies, Inc. received three soil samples for analyses. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The results, sample cross reference, and the quality control data are enclosed.

Donna M. McKinney
Donna McKinney
Metals Chemist

Frederick W. Grothkopp
Frederick W. Grothkopp
Technical Manager

FWG/hbb

Analytical Technologies, Inc.

ATI I.D. # 8811-099

SAMPLE CROSS REFERENCE SHEET

CLIENT : DAMES & MOORE
PROJECT # : 17809-001
PROJECT NAME : HILLMAN PROPERTIES

ATI #	CLIENT DESCRIPTION	MATRIX	DATE SAMPLED
8811-099-1	HP-1	SOIL	11/28/88
8811-099-2	HP-2	SOIL	11/28/88
8811-099-3	HP-3	SOIL	11/28/88

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	3

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ATI I.D. # 8811-099

ANALYTICAL SCHEDULE

CLIENT : DAMES & MOORE
PROJECT # : 17809-001
PROJECT NAME : HILLMAN PROPERTIES

ANALYSIS	TECHNIQUE	REFERENCE/METHOD
LEAD	AA/F	EPA 7420

Analytical Technologies, Inc.

ATI I.D.# 8811-099

METALS RESULTS

CLIENT : DAMES & MOORE
PROJECT # : 17809-001
PROJECT NAME : HILLMAN PROPERTIES

SAMPLE MATRIX : SOIL
UNITS : mg/Kg

PARAMETER	-1	-2	-3
LEAD	<10	<10	<10

Analytical Technologies, Inc.

ATI I.D. # 8811-099

METALS QUALITY CONTROL

CLIENT : DAMES & MOORE
PROJECT # : 17809-001
PROJECT NAME : HILLMAN PROPERTIES

SAMPLE MATRIX : SOIL
UNITS : mg/Kg

PARAMETER	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED SAMPLE	SPIKE CONC	% REC
LEAD	8811-093-3	<10	<10	0	1,010	1,000	101

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 8811-099

GENERAL CHEMISTRY RESULTS

CLIENT : DAMES & MOORE
PROJECT # : 17809-001
PROJECT NAME : HILLMAN PROPERTIES

SAMPLE MATRIX : SOIL

PARAMETER	UNITS	-1	-2	-3
MOISTURE	%	7.3	7.9	9.8

Analytical Technologies, Inc.

ATI I.D. # 8811-099

GENERAL CHEMISTRY QUALITY CONTROL

CLIENT : DAMES & MOORE
PROJECT # : 17809-001
PROJECT NAME : HILLMAN PROPERTIES

SAMPLE MATRIX : SOIL

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED CONC	SPIKE ADDED	% REC
MOISTURE	%	8811-105-4	12	12	0	N/A	N/A	N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

8811:094

CHAIN OF CUSTODY RECORD

JOB NO. 17809-001

GENERATOR INFORMATION

Facility Hilman Properties -1
Address Columbia Way -2
Vancouver, WA -3
Telephone ( )

SAMPLE INFORMATION

No.	DEPTH	TYPE	DATE	TIME
HP-1	1ft	Soil	11/28/88	12:45p
HP-2	"	"	"	13:20
HP-3	"	"	"	13:45

COLLECTOR INFORMATION

Collected by Dames + Moore
Address 220 W Mercer #404
Kalent Ore 97225
Telephone (503) 228-7688

Suspected Waste Constituents Test all samples for total lead.
No Compositing, Retain remaining portion.

Field Conditions/Remarks

SAMPLE ALLOCATION

Name ATI

Address 560 Naches Ave S.W. #101
Renton, WA 98055

Telephone (206) 228-8335

✓ sample received intact
none sample received damaged or missing (describe on back)

(Signature) (Date) 12/15

CHAIN OF POSSESSION

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
1. Lon Yandell	11/28/88	4:00p	[illegible]	11/29/88	11:49
2.					
3.					
4.					

Distribution

White-w/shipment-for consignee files
Blue-w/shipment-forward to Dames & Moore
Attn: Kim Marcus

Pink-with report
Goldenrod-Dames & Moore - Job File

Dames & Moore

TRANSMITTAL SHEET

Dames & Moore

Suite 500 Northgate Executive Center, 155 N.E. 100th Street, P.O. Box 75981*Seattle, Washington 98125-0981*(206) 523-0560

To: Hillman Properties Northwest, Inc.
900 North Tomahawk Island Driveway
Portland, Oregon 97217

Date October 21, 1988

Your Order No.

Our Job No. 17809-001-05

Attention: Mr. Douglas A. Hardesty

Subject: Second Draft Closure Plan
Waste Disposal Area - Building 5

We are sending you via mail the following Second Draft Closure Plan

This is / These are for your review and comment. Please submit comments to Ms. Lisa Stone, Stoel, Rives, et al., no later than Tuesday, October 25, 1988.

No. of copies submitted: one

Copies to: Lisa Stone, Stoel Rives Boley Jones & Grey
Kim Marcus, Dames & Moore (PDX)

Dames & Moore

By Paul W. Agid
Paul W. Agid
Project Manager